Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (Not Reviewed)

Data File : VW007973.D
Acq On : 27 Dec 2018 16:56
Operator : SY/AP
Sample : VW1227SBL04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK91

Quant Time: Dec 28 05:58:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	92546	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	82749	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40288	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	21917	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.12%			
7) Chloroethane-d5	2.89	69	14917	24.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.12%			
10) 1,1-Dichloroethene-d2	4.01	63	41444	16.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.16%			
20) 2-Butanone-d5	7.07	46	19051	48.98	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.96%			
24) Chloroform-d	7.65	84	53551	21.75	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.00%			
26) 1,2-Dichloroethane-d4	8.31	65	33609	22.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.08%			
29) Benzene-d6	8.27	84	104296	22.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.88%			
33) 1,2-Dichloropropane-d6	9.27	67	28972	22.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.80%			
37) Toluene-d8	10.32	98	100231	22.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.68%			
38) trans-1,3-Dichloropropene-	10.58	79	15316	21.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.52%			
39) 2-Hexanone-d5	10.93	63	15302	47.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.78%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	28221	23.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.92%			
61) 1,2-Dichlorobenzene-d4	13.86	152	36200	22.25	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.00%			

Target Compounds						Qvalue
15) Methyl Acetate	4.39	43	604	1.044	ug/L #	50
16) Methylene chloride	4.91	84	7153	4.777	ug/L	98
32) Carbon tetrachloride	8.26	117	739	0.388	ug/L #	11
35) Trichloroethene	8.84	95	2982	2.318	ug/L #	5
36) Methylcyclohexane	9.27	83	8003	3.628	ug/L #	19
40) 1,2-Dichloropropane	9.27	63	3671	3.527	ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1149	0.632	ug/L #	60
49) 2-Hexanone	10.92	43	1798	3.025	ug/L #	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

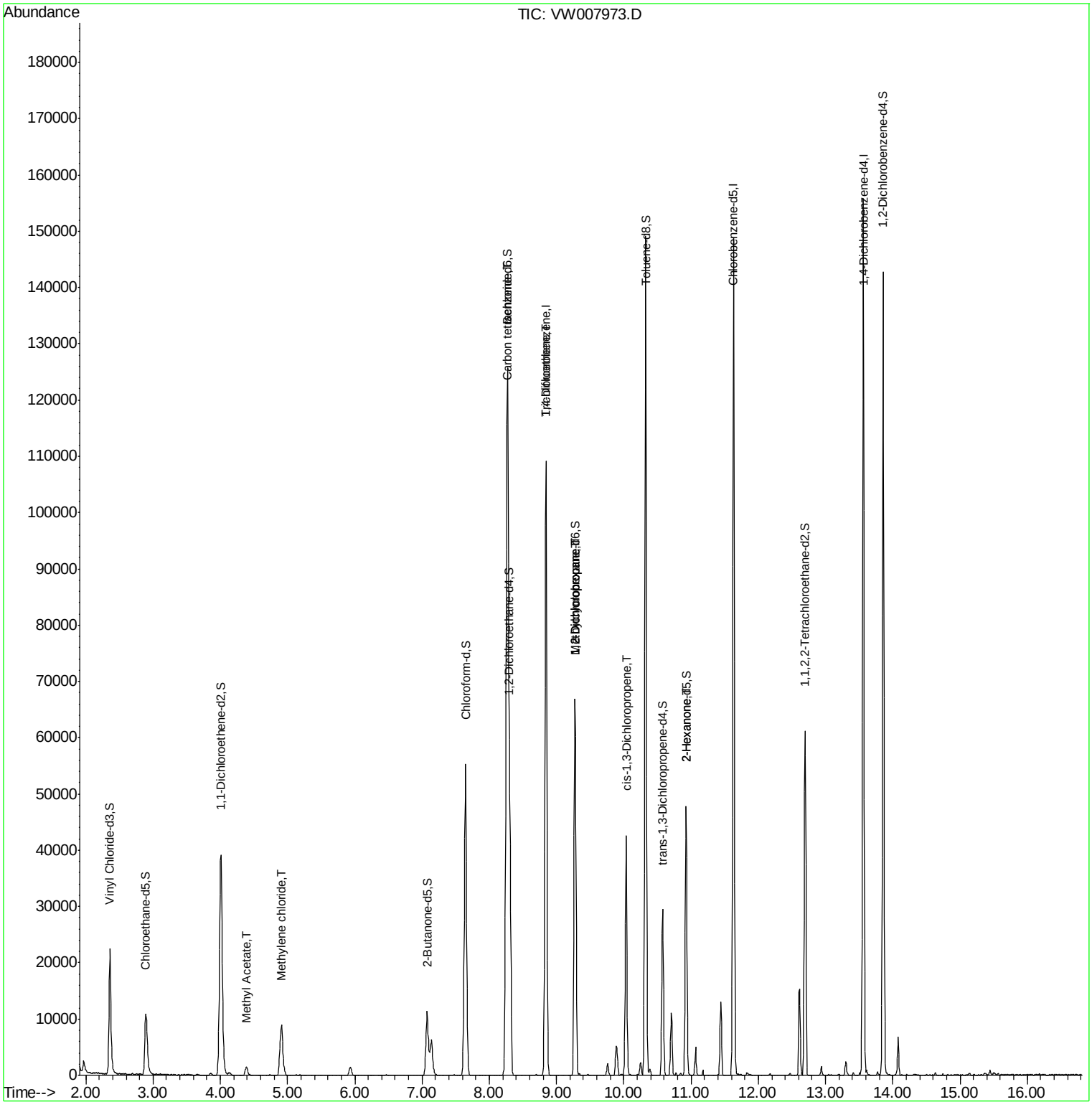
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

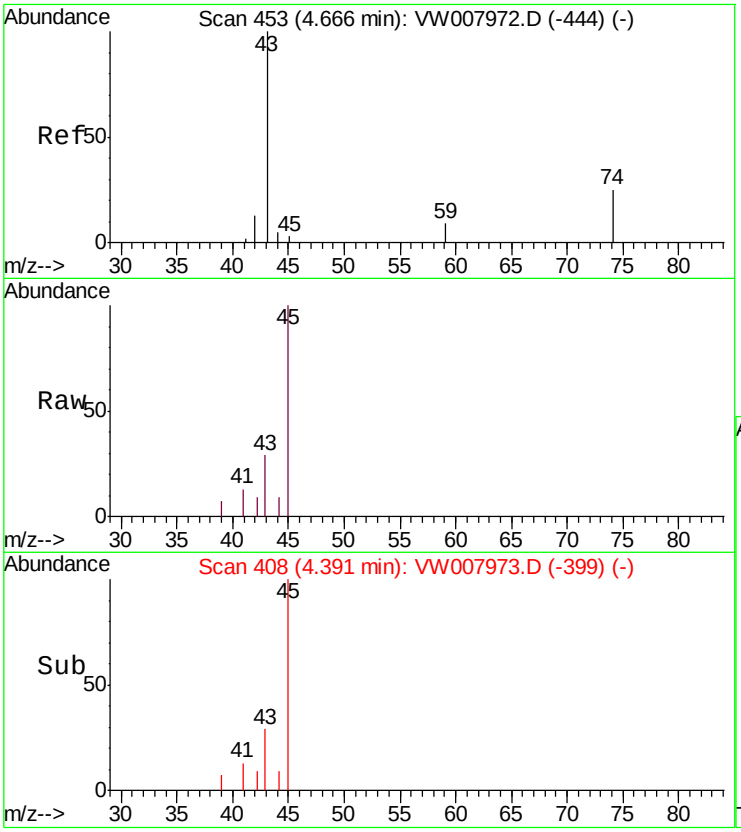
Quantitation Report (Not Reviewed)

Data File : VW007973.D
Acq On : 27 Dec 2018 16:56
Operator : SY/AP
Sample : VW1227SBL04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VBLK91

Quant Time: Dec 28 05:58:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration



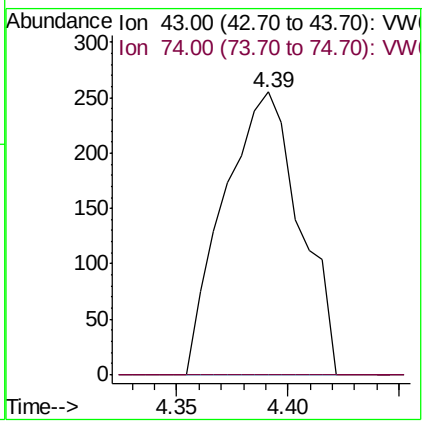


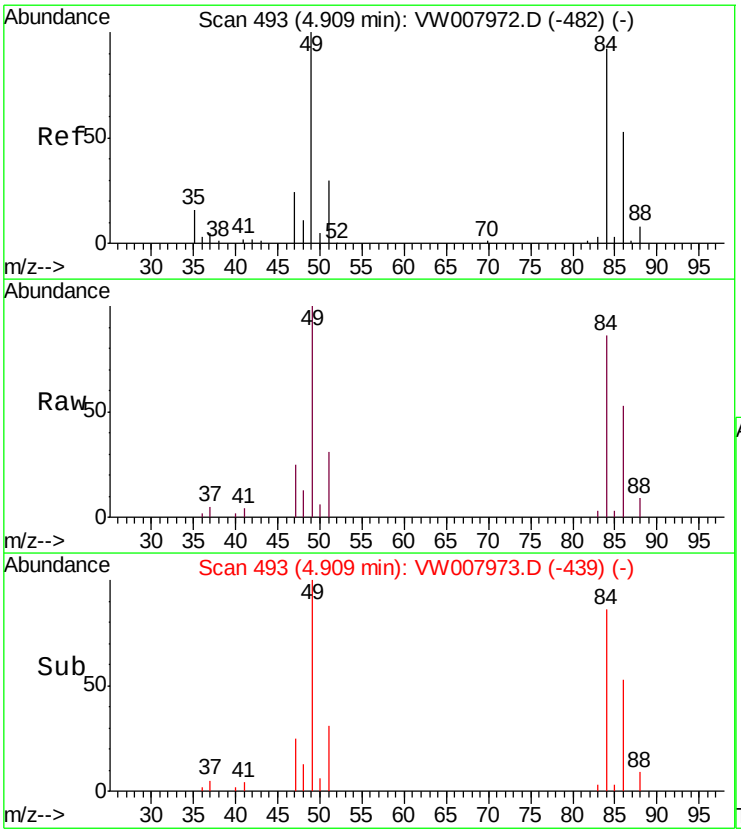
#15
Methyl Acetate
Concen: 1.044 ug/L
RT: 4.39 min Scan# 408
Delta R.T. -0.27 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Instrument : MSVOA_W
ClientSampleId : VBLK91

Tgt Ion: 43 Resp: 604

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.2	30.2#

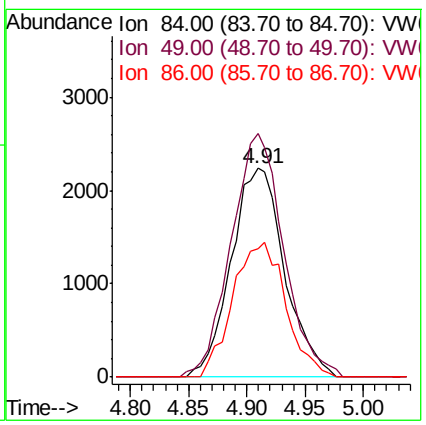


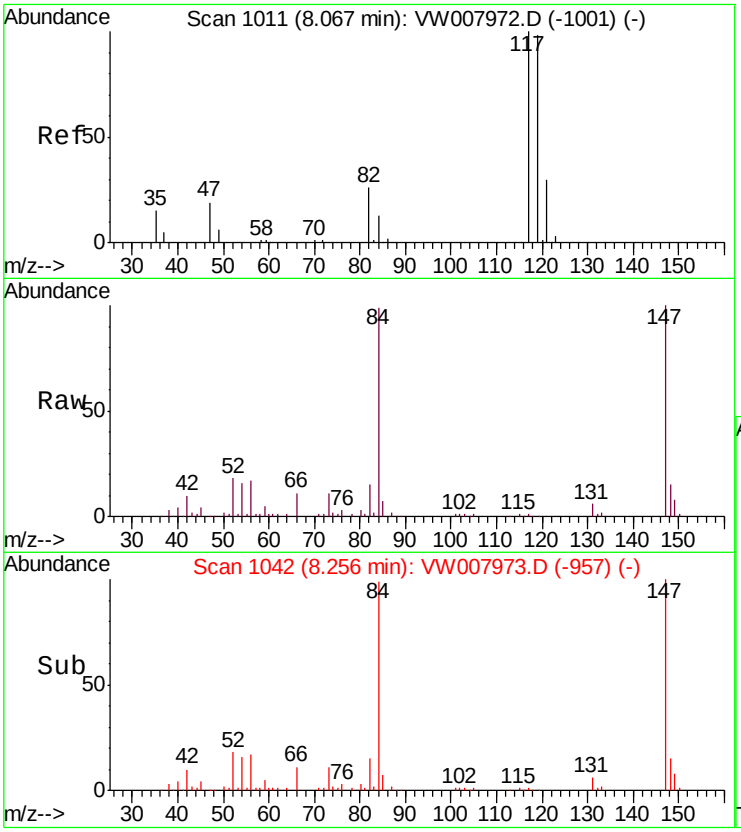


#16
Methylene chloride
Concen: 4.777 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Tgt Ion: 84 Resp: 7153

Ion	Ratio	Lower	Upper
84	100		
49	116.5	79.2	147.0
86	61.7	43.2	80.2



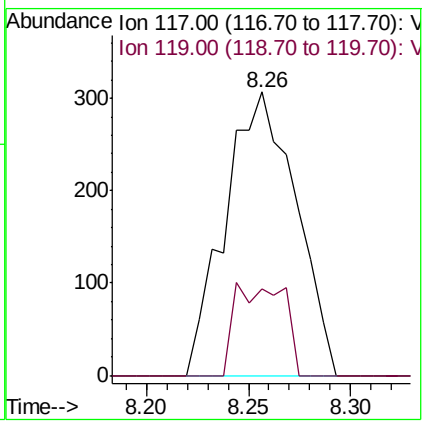


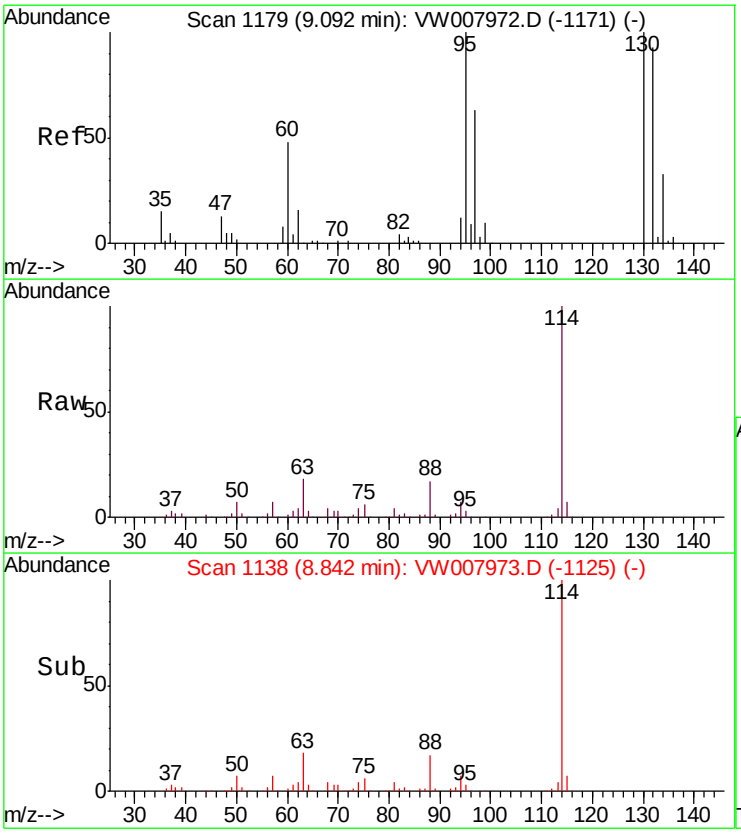
#32
Carbon tetrachloride
Concen: 0.388 ug/L
RT: 8.26 min Scan# 1042
Delta R.T. 0.19 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Instrument : MSVOA_W
ClientSampleId : VBLK91

Tgt Ion:117 Resp: 739

Ion	Ratio	Lower	Upper
117	100		
119	8.8	76.0	114.0#

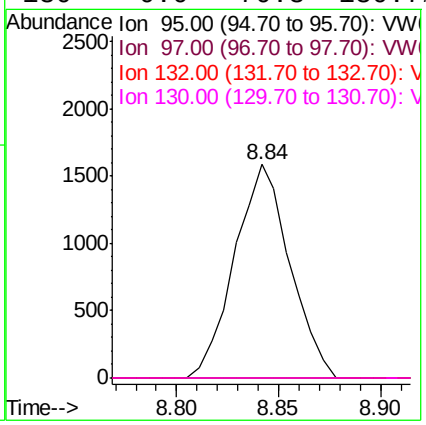


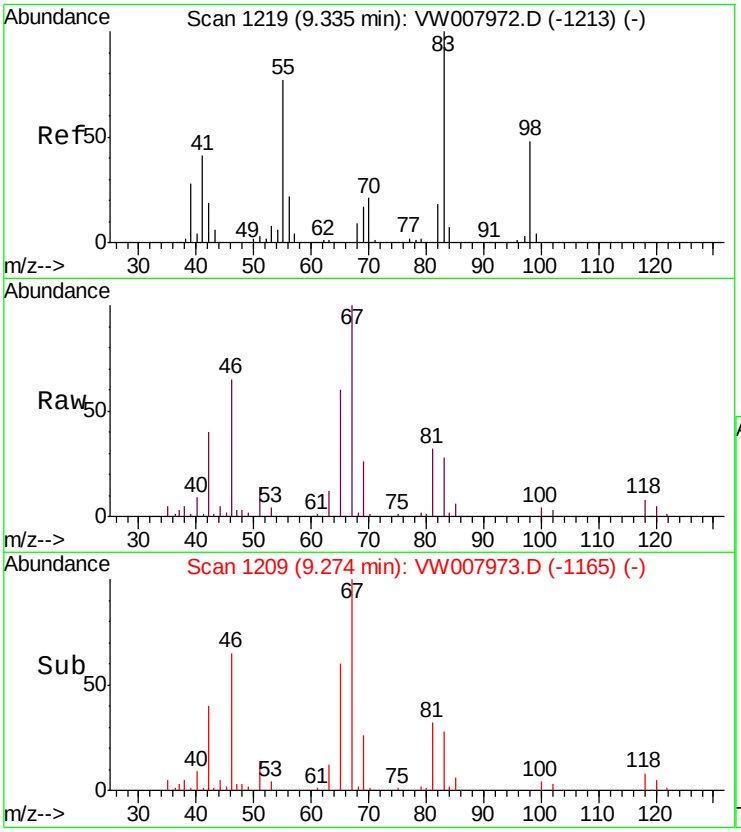


#35
Trichloroethene
Concen: 2.318 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Tgt Ion: 95 Resp: 2982

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.5#
132	0.0	67.8	126.0#
130	0.0	70.3	130.7#



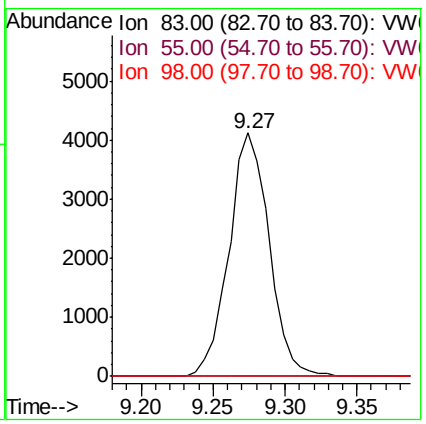


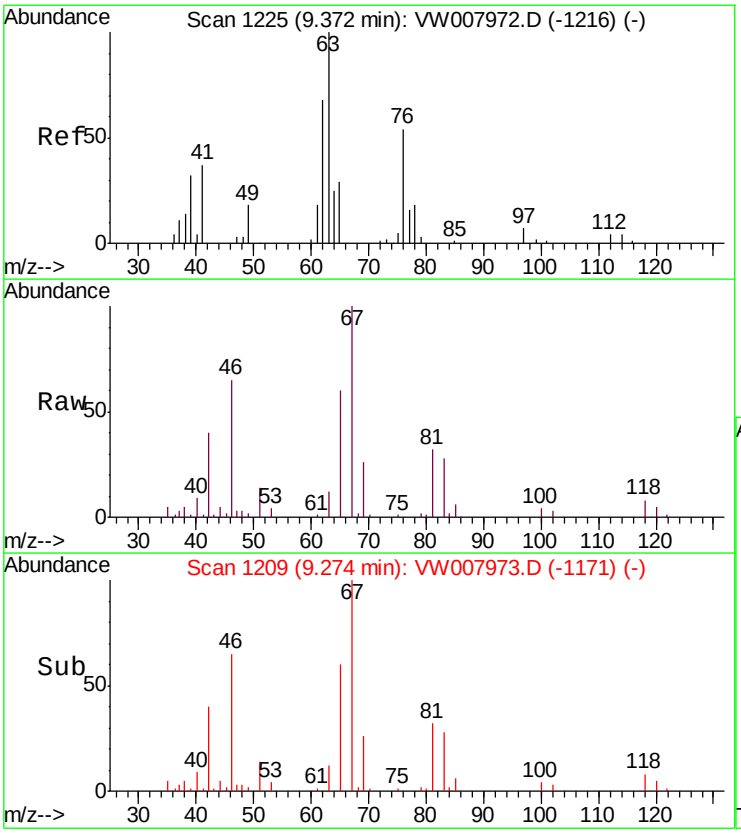
#36
Methylcyclohexane
Concen: 3.628 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Instrument : MSVOA_W
ClientSampleId : VBLK91

Tgt Ion: 83 Resp: 8003

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.0	38.2	57.2#

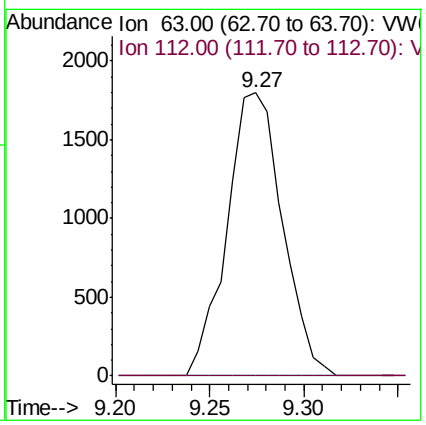


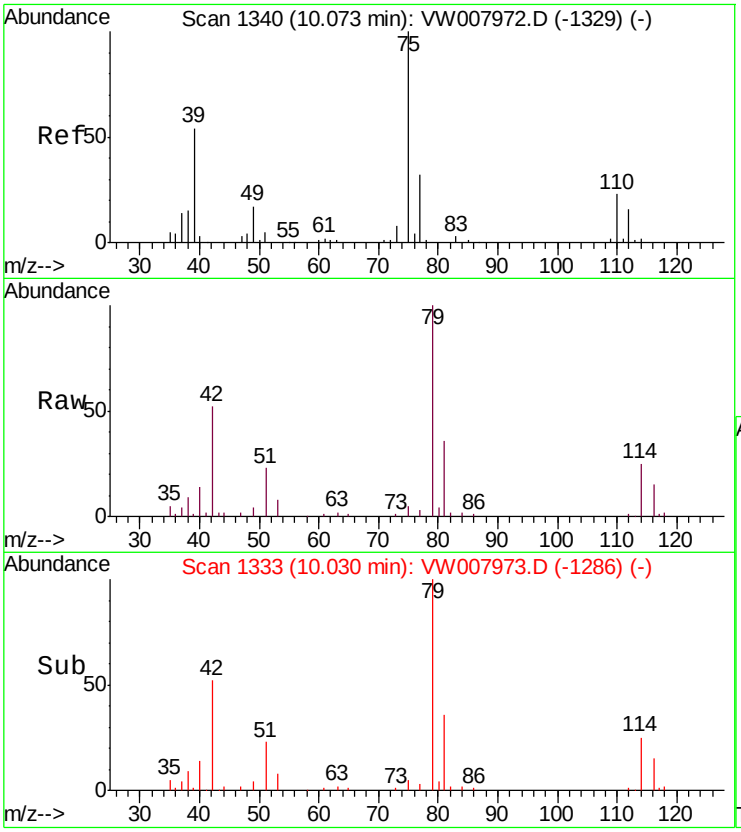


#40
1,2-Dichloropropane
Concen: 3.527 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Tgt Ion: 63 Resp: 3671

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



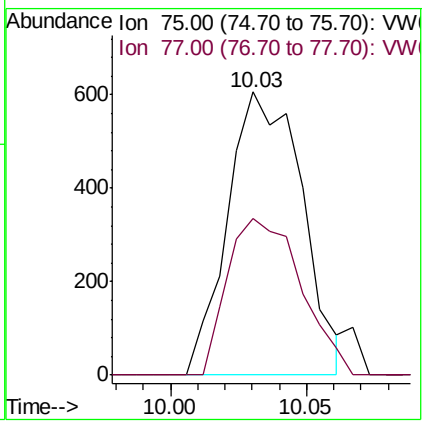


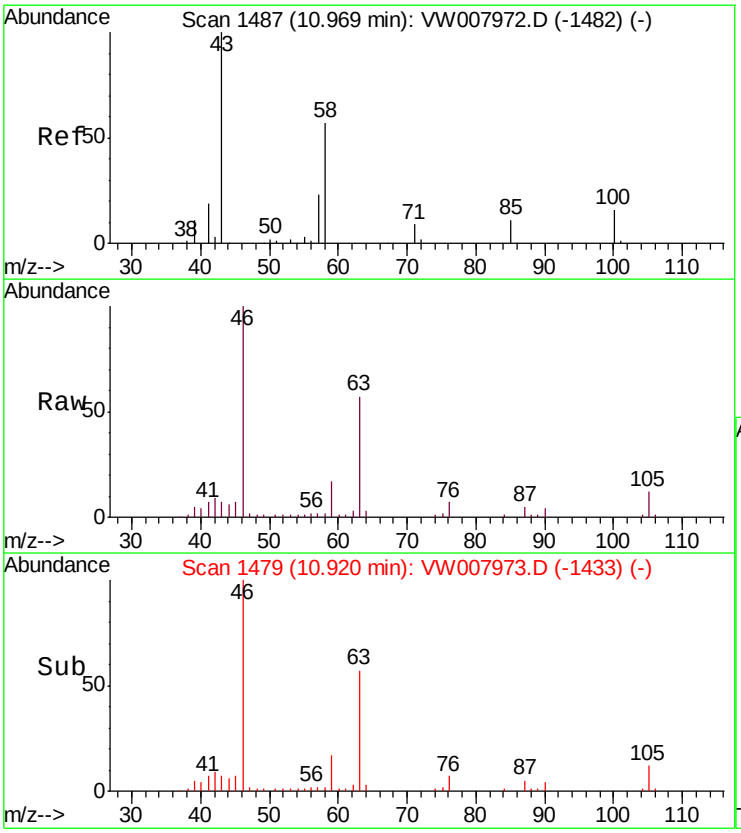
#42
cis-1,3-Dichloropropene
Concen: 0.632 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Instrument : MSVOA_W
ClientSampleId : VBLK91

Tgt Ion: 75 Resp: 1149

Ion	Ratio	Lower	Upper
75	100		
77	55.4	23.0	42.8#





#49
2-Hexanone
Concen: 3.025 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW007973.D
Acq: 27 Dec 2018 16:56

Tgt Ion: 43 Resp: 1798

Ion	Ratio	Lower	Upper
43	100		
58	30.9	46.2	69.4#
57	26.9	17.9	26.9#
100	0.0	11.4	17.2#